

CHULARAT HOSPITAL

THAILAND / HEALTHCARE

CHG TB

BUY

UNCHANGED

ผลประกอบการที่ดีหลุดรอดจากสายตา

- รายการพิเศษบดบังผลประกอบการที่ดีใน 3Q22
- หนึ่งในหุ้นการแพทย์ที่ดีที่สุดในแง่ผลประกอบการที่ปรับตัวดีขึ้นกว่าระดับก่อนโควิด โดยราคาตัวระดับกำไรปกติใหม่จะอยู่ที่ประมาณ 300-400 ลบ./ไตรมาส (เทียบกับ 180 ลบ. ในช่วงก่อนโควิด)
- คาดกำไรปกติจะโต q-q ใน 4Q22 จากความต้องการที่อ่อนโยน

TARGET PRICE	THB4.70
CLOSE	THB3.52
UP/DOWNSIDE	+33.5%
PRIOR TP	THB4.70
CHANGE IN TP	UNCHANGED
TP vs CONSENSUS	+12.8%

KEY STOCK DATA

YE Dec (THB m)	2021	2022E	2023E	2024E
Revenue	11,742	10,483	7,186	7,642
Net profit	4,204	3,021	1,456	1,658
EPS (THB)	0.38	0.27	0.13	0.15
vs Consensus (%)	-	3.1	5.7	7.1
EBITDA	5,647	4,200	2,315	2,596
Core net profit	4,204	3,021	1,456	1,658
Core EPS (THB)	0.38	0.27	0.13	0.15
Chg. In EPS est. (%)	-	-	-	-
EPS growth (%)	379.6	(28.2)	(51.8)	13.9
Core P/E (x)	9.2	12.8	26.6	23.4
Dividend yield (%)	5.7	4.7	2.3	2.6
EV/EBITDA (x)	6.5	8.5	15.6	13.6
Price/book (x)	5.1	4.6	4.8	4.4
Net debt/Equity (%)	(29.0)	(36.0)	(34.6)	(40.8)
ROE (%)	72.5	37.9	17.7	19.7

ตลาดตีความผลประกอบการ 3Q22 ผิด

ราคาหุ้นของ CHG ปรับตัวลดลง 5% หลังประกาศผลประกอบการ 3Q22 เราเชื่อว่าตลาดตีความผลประกอบการ 3Q22 ไม่ถูกต้อง บริษัท รายงานกำไร 258 ลบ. ซึ่งต่ำกว่าคาดอย่างใดก็ได้ CHG บันทึกกำไรพิเศษ 3 รายการ: 1) การจ่ายโบนัสเพิ่มเติมให้แก่พนักงานเป็นเงิน 80 ลบ.; 2) ค่าใช้จ่ายภาษี 25 ลบ. เกี่ยวกับการตัดจำหน่ายวัคซีน Moderna; และ 3) ผลขาดทุน 59 ลบ. จากการปรับมูลค่าสุทธิของสินทรัพย์ทางการเงิน กล่าวคือสัญญาแลกเปลี่ยนเงินต้นและดอกเบี้ย (Cross-currency swap) เพื่อตรึงอัตราดอกเบี้ยสำหรับสินเชื่อระยะยาวสำหรับโรงพยาบาลแม่สอด เมื่อหักรายการพิเศษดังกล่าว กำไรปกติจะอยู่ที่ประมาณ 420 ลบ. ใกล้เคียงกับที่ราคาตลาด นอกจากนั้นบริษัท จะกลับรายการที่สองเป็นรายได้ภาษีใน 4Q22 และกลับรายการที่สามเมื่อ CHG เบิกเงินกู้ประเภทมีอายุในช่วง 1H23

3Q22 แสดงให้เห็นระดับกำไรปกติใหม่ที่มีสัดส่วนรายได้จากโควิดในระดับต่ำ

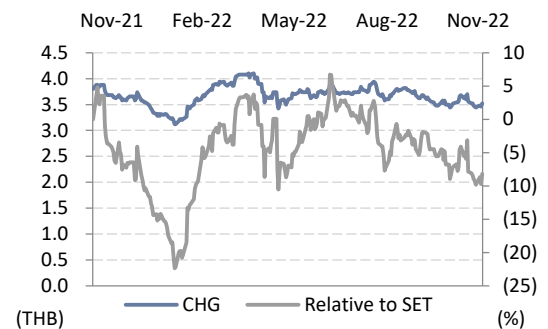
เราคิดว่าการดำเนินงานใน 3Q22 เป็นตัวแทนของระดับกำไรปกติใหม่ของ CHG รายได้ที่เกี่ยวข้องกับโควิด (หลังหักวัคซีน Moderna) คิดเป็นเพียง 8% ของรายได้รวม เมื่อเทียบกับบริษัทอื่นในกลุ่มฯ CHG รายงานผลประกอบการดีขึ้นมากที่สุดใน 3Q22 เมื่อเทียบกับ 3Q19 รายได้ที่ไม่เกี่ยวข้องกับโควิดสูงกว่าระดับก่อนโควิด 21% (เทียบกับบริษัทอื่นที่ 8%) พร้อม EBITDA margin ที่ปรับตัวขึ้น 5 ppt (เทียบกับคู่แข่งที่ 3 ppt) และกำไรปกติสูงกว่าระดับก่อนโควิด 57% (เทียบกับคู่แข่งที่ 28%) ในภาพรวมเราคาดว่าระดับกำไรปกติใหม่จะ 300-400 ลบ./ไตรมาส (เทียบกับค่าเฉลี่ย 180 ลบ. ก่อนโควิด) พร้อม Upside ที่อาจจะได้จากอัตราการจ่ายของสำนักงานประกันสังคม (SSO) ที่สูงขึ้น ซึ่งน่าจะประกาศในต้นปีหน้า

แนวโน้ม 4Q22 อยู่ในเกณฑ์ดี

CHG ให้ข้อมูลว่ารายได้ 4Q22 น่าจะโตหรือทรงตัว q-q เป็นอย่างน้อยจากความต้องการที่อ่อนโยนเป็นจำนวนมากจากผู้ป่วยชาวไทยที่ไม่ได้เป็นโควิดและผู้ป่วยต่างชาติที่บินเข้ามารับการรักษา (Fly-in international patient) CHG น่าจะบันทึกการชำระเงินสดงวดสุดท้าย (30% ของตัวเลขตามงบประมาณ) สำหรับการรักษาโรคเรื้อรังในปี 2021 ใน 4Q ตัวเลขรับที่แท้จริงน่าจะสูงกว่าตัวเลขค้างจ่าย ซึ่งอาจทำให้เกิดกำไรพิเศษ 100 ลบ. ใน 4Q22 (เทียบกับ 190 ลบ. ใน 4Q21)

มีการซื้อขายในระดับการประเมินมูลค่าที่ไม่สมเหตุสมผล

CHG มีการซื้อขายในระดับที่นาสนใจที่ 27x ของค่า 2023E P/E ซึ่งต่ำกว่าค่าเฉลี่ย 5 ปีที่ 32x และค่าเฉลี่ยของกลุ่มฯ ที่ 31x เราเห็นว่าระดับการประเมินมูลค่าดังกล่าวไม่สมเหตุสมผลเนื่องจาก CHG มีผลตอบแทนต่อส่วนผู้ถือหุ้น (ROE) ในปี 2023E ที่ดีกว่าที่ 18% เทียบกับค่าเฉลี่ยของกลุ่มฯ ที่ 14%



Share price performance	1 Month	3 Month	12 Month
Absolute (%)	0.6	(3.3)	(4.3)
Relative to country (%)	(0.9)	(2.2)	(3.0)
Mkt cap (USD m)	1,084		
3m avg. daily turnover (USD m)	3.7		
Free float (%)	43		
Major shareholder	Kannikar Plussind (18%)		
12m high/low (THB)	4.16/3.08		
Issued shares (m)	11,000.00		

Sources: Bloomberg consensus; FSSIA estimates



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บทวิเคราะห์ฉบับนี้แปลมาจากบทวิเคราะห์ของ FSSIA ฉบับวันที่ 25 พฤศจิกายน 2022

Investment thesis

CHG opened two new hospitals (RPC and 304 Inter) in 2H18 which contributed an accumulated loss of THB70m in 2020 (8% of 2020 core profit). Both hospitals turned around in 2021, and we estimate that this should lead to an EBITDA margin improvement from 24% in 2019 to 34% in 2024.

CHG's revenue contributions from cash patients have gradually increased. This is another key factor to expand its EBITDA margin, in our view, as cash patients have a higher margin than Social Security Office (SSO) patients.

CHG should report strong earnings growth in 2022-23, led by the recovery in non-Covid cash patient numbers coupled with its larger SSO-registered member base and pent-up demand from international patients.

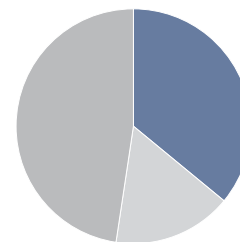
Company profile

CHG operates a healthcare business covering the eastern part of Bangkok and its nearby provinces. The Group owns nine hospitals and four clinics.

www.chularat.com

Principal activities (revenue, 2021)

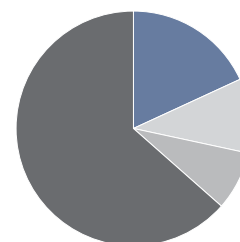
- Cash patient revenue - 36.0 %
- SSO patient revenue - 16.4 %
- NHSO patient revenue - 47.6 %



Source: Chularat Hospital

Major shareholders

- Kannikar Plussind - 18.1 %
- Apirum Panyapol - 10.3 %
- Kobkul Panyapol - 8.1 %
- Others - 63.5 %



Source: Chularat Hospital

Catalysts

Key potential growth drivers include 1) more SSO registered members; 2) rising demand from medical tourists; and 3) an improving EBITDA margin led by new hospitals.

Risks to our call

Downside risks to our DCF-based target price include 1) a slowdown in Thai patient volume due to economic concerns; 2) regulatory risks from drug price and medical bill controls; and 3) SSO provision expenses following limited budgets from the SSO.

Event calendar

Date	Event
Feb 2023	2022 results announcement

Key assumptions

	2022E	2023E	2024E
	(%)	(%)	(%)
SSO volume growth	10	2	1
SSO revenue/patient growth	1	0	3
OPD volume growth	(3)	6	3
OPD revenue/patient growth	(4)	4	4
IPD volume growth	23	6	4
IPD revenue/patient growth	(15)	4	4

Source: FSSIA estimates

Earnings sensitivity

- For every 1% increase in patient volume, we project 2023 earnings to rise by 2%, and vice versa, all else being equal.
- For every 1% increase in EBITDA margin, we project 2023 earnings to rise by 3%, and vice versa, all else being equal.

Source: FSSIA estimates

Exhibit 1: 3Q22 vs 3Q19 performance

----- 3Q22 -----					----- 3Q19-----				----- % Change-----				--- P/E multiple ---	
	Total revenue	Non-Covid revenue	EBITDA margin	Core profit	Total revenue	Non-Covid revenue	EBITDA margin	Core profit	Total revenue	Non-Covid revenue	EBITDA margin	Core profit	2023E	5-yr avg
	(THB m)	(THB m)	(%)	(THB m)	(THB m)	(THB m)	(%)	(THB m)	(%)	(%)	(ppt)	(%)	(x)	(x)
BDMS	23,985	21,931	25	3,386	21,887	21,887	23	2,890	10	0	2	17	36	36
BH	5,693	5,456	36	1,501	4,742	4,742	33	1,055	20	15	3	42	35	35
BCH*	3,429	2,707	32	499	2,469	2,469	29	402	39	10	3	24	26	32
CHG*	2,026	1,726	30	422	1,431	1,431	25	269	42	21	5	57	27	32

*BCH's 3Q22 performance adjusted to exclude Moderna vaccination write-off; CHG's 3Q22 performance adjusted to exclude non-recurring items

Sources: FSSIA's compilation and estimates

Exhibit 2: Healthcare sector share price performance and 2023E core profit compared to 2019

Company		BBG	----- Price performance -----				----- Net profit -----		
			2020	2021	2022 YTD	Since 2020	2019	2023E	diff
			(%)	(%)	(%)	(%)	(THB m)	(THB m)	(%)
Bangkok Dusit Med Services PCL	BDMS TB		(20.0)	10.6	28.3	13.5	10,053	12,893	28
Bumrungrad Hospital PCL	BH TB		(18.4)	17.5	56.0	49.7	3,883	5,049	30
Ramkhamhaeng Hospital PCL	RAM TB		(8.2)	42.5	40.3	83.4	1,474	2,140	45
Thonburi Healthcare Group PCL	THG TB		(3.7)	44.7	88.6	162.6	322	1,186	269
Bangkok Chain Hospital PCL	BCH TB		(20.5)	47.8	1.5	19.3	1,149	1,977	72
Chularat Hospital PCL	CHG TB		(4.7)	48.8	(3.8)	36.4	719	1,456	103
Vibhavadi Medical Center PCL	VIBHA TB		(17.9)	79.6	1.5	49.7	853	1,165	37
Praram 9 Hospital PCL	PR9 TB		14.6	22.2	55.5	117.8	312	566	81
Sikarin PCL	SKR TB		(10.7)	0.0	7.0	(4.5)	242	n/a	-
Principal Capital PCL	PRINC TB		28.7	100.0	7.7	177.2	(347)	658	nm
Chiang Mai Ram Medical Business PCL	CMR TB		(18.0)	18.5	27.6	24.0	158	n/a	-
Srivichai Vejvivat PCL	VIH TB		(12.9)	73.9	(13.7)	30.7	200	n/a	-
Ekachai Medical Care PCL	EKH TB		17.7	53.4	(21.0)	42.7	160	235	46
Average/Total			(5.68)	43.03	21.18	61.74	18,577	27,346	47

Sources: Bloomberg; FSSIA's compilation

Recap: 3Q22 results review

CHG reported a core profit of THB258m in 3Q22 (-83% y-y, -71% q-q), missing our estimate by 42% mainly due to three non-recurring items: 1) THB80m from an additional bonus paid to employees; 2) a THB25m tax expense relating to Moderna vaccine write-offs; and 3) a THB59m loss on fair value adjustments of financial assets. Excluding non-recurring items, 3Q22 core profit would be cTHB420m, in line with our estimate.

Revenue dropped by 27% q-q due to a slowdown in Covid-related revenue, which significantly dropped by 74% q-q and contributed 15% of total revenue in 3Q22 (vs 41% in 2Q22).

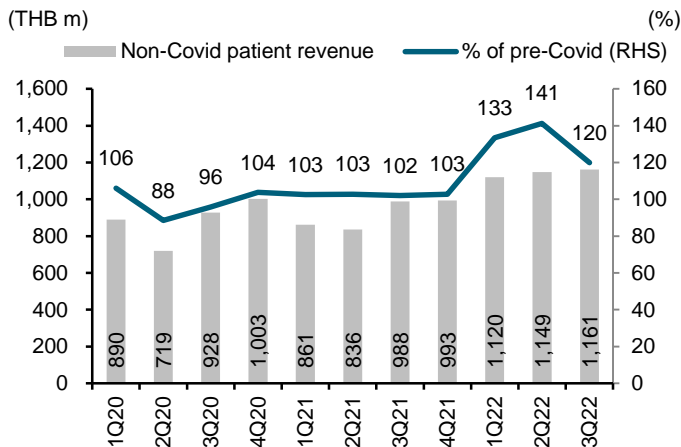
Excluding Covid-related revenue, organic revenue remained strong in 3Q22. SSO revenue increased by 16% q-q and exceeded the pre-Covid level by 22%. Non-Covid cash patient revenue (A-class and National Health Security Office (NHSO)) grew 1% q-q and exceeded the pre-Covid level by 20%.

CHG's EBITDA margin dropped from 44% in 2Q22 to 23% in 3Q22. Excluding non-recurring items, the EBITDA margin would be at 30%, which is relatively high compared to 24% in 2019.

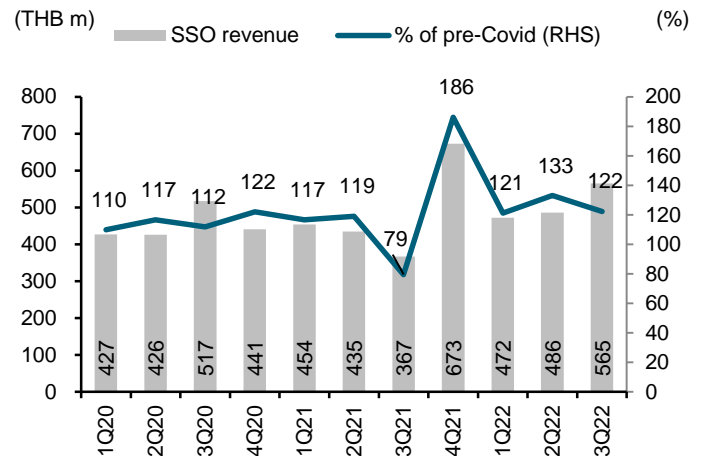
Exhibit 3: Summary of 3Q22 operations

Year to Dec	3Q21	4Q21	1Q22	2Q22	3Q22	----- Change -----		2022E	Change
	(THB m)	(THB m)	(THB m)	(THB m)	(THB m)	(q-q %)	(y-y %)	(THB m)	(y-y %)
Revenue	4,390	3,866	3,571	2,784	2,026	(27)	(54)	10,483	(11)
Cost of sales (Incl. depreciation)	(2,159)	(1,523)	(1,702)	(1,497)	(1,480)	(1)	(31)	(6,097)	4
Gross profit	2,232	2,343	1,869	1,288	546	(58)	(76)	4,386	(25)
SG&A	(338)	(117)	(205)	(223)	(253)	13	(25)	(891)	8
Operating profit	1,893	2,226	1,665	1,064	293	(72)	(85)	3,495	(31)
Other operating income	67	69	67	68	74	8	10	300	17
Interest income	0	1	1	3	0	(92)	187	10	409
EBIT	1,961	2,295	1,732	1,136	367	(68)	(81)	3,805	(28)
Interest expense	(5)	(5)	(3)	(3)	(4)	25	(24)	(7)	(66)
EBT	1,956	2,290	1,729	1,133	364	(68)	(81)	3,797	(28)
Income tax	(377)	(426)	(341)	(226)	(97)	(57)	(74)	(726)	(28)
Minority interests	(15)	(51)	(31)	(29)	(8)	(72)	(47)	(51)	n/a
Core profit	1,564	1,813	1,356	878	258	(71)	(83)	3,021	(28)
Extraordinaries									
Net income	1,564	1,813	1,356	878	258	(71)	(83)	3,021	(28)
Core EPS (THB)	0.14	0.16	0.12	0.08	0.02	(71)	(83)	0.27	(28)
No of shares (m)	11,000	11,000	11,000	11,000	11,000	0	0	11,000	0
Cost (Excl. depreciation)	(2,071)	(1,431)	(1,609)	(1,402)	(1,379)	(2)	(33)	(5,692)	3
Depreciation & amortisation	(87)	(92)	(93)	(95)	(101)	6	15	(405)	15
EBITDA	2,048	2,386	1,824	1,227	468	(62)	(77)	4,200	(26)
Key ratios	(%)	(%)	(%)	(%)	(%)	(ppt)	(ppt)	(%)	(ppt)
Gross margin	51	61	52	46	27	(19)	(24)	42	(8)
SG&A/Revenue	8	3	6	8	12	4	5	9	2
EBITDA margin	47	62	51	44	23	(21)	(24)	40	(8)
Net profit margin	36	47	38	32	13	(19)	(23)	29	(7)
Operating stats	(y-y %)	(y-y %)	(y-y %)	(y-y %)	(y-y %)				
SSO revenue	(29)	53	4	12	54				
SSO registered members ('000)	460	464	483	503	513				
SSO revenue per head	(32)	45	(4)	1	38				
Cash-OPD revenue	29	59	86	14	24				
Cash-OPD visit number	11	7	34	3	13				
Cash-OPD revenue per head	16	48	39	11	10				
Cash-IPD revenue	35	5	70	40	14				
Cash-IPD admission number	(25)	(25)	20	15	56				
Cash-IPD revenue per head	80	41	41	22	(27)				

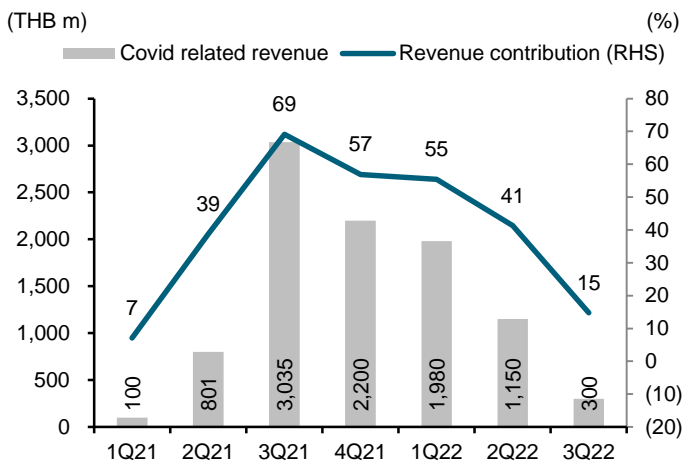
Sources: CHG; FSSIA estimates

Exhibit 4: Non-Covid cash patient revenue

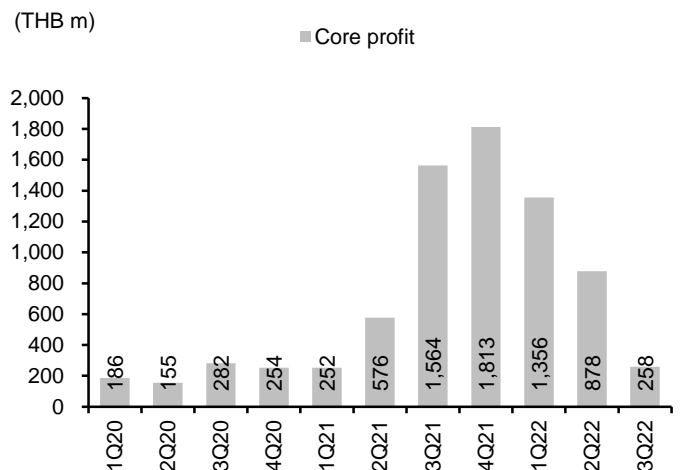
Note: Includes NHSO revenue, mainly from Heart Center
 Sources: CHG; FSSIA estimates

Exhibit 5: SSO revenue

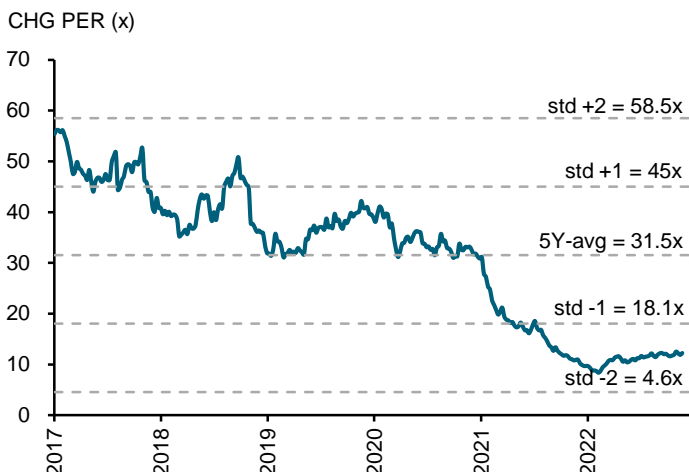
Note: Includes additional gain from chronic disease treatments of THB190m in 4Q21, THB25m in 3Q20, and THB74m in 3Q19
 Sources: CHG; FSSIA estimates

Exhibit 6: Covid-related revenue

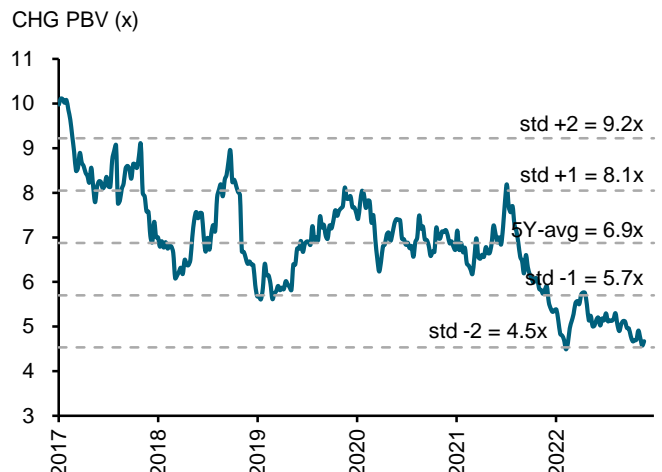
Sources: CHG; FSSIA estimates

Exhibit 7: Quarterly core profit

Source: CHG; FSSIA estimates

Exhibit 8: Historical P/E band

Sources: Bloomberg; FSSIA estimates

Exhibit 9: Historical P/BV band

Sources: Bloomberg; FSSIA estimates

Exhibit 10: Peer comparisons as of 24 November 2022

Company	BBG	Rec	Share price			Market	PE			ROE		PBV		EV/ EBITDA	
			Current	Target	Upside	Cap	22E	23E	24E	22E	23E	22E	23E	22E	23E
			(LCY)	(LCY)	(%)	(USD m)	(x)	(x)	(x)	(%)	(%)	(x)	(x)	(x)	(x)
Thailand															
Bangkok Dusit Med Service	BDMS TB	BUY	29.50	33.00	12	13,125	41.3	36.4	31.6	13.2	14.2	5.3	5.0	22.0	19.7
Bumrungrad Hospital	BH TB	BUY	220.00	255.00	16	4,896	37.9	34.7	32.0	25.2	24.5	9.0	8.0	24.5	22.5
Bangkok Chain Hospital	BCH TB	BUY	20.40	26.00	27	1,424	15.9	25.7	22.4	24.9	14.9	4.0	3.7	10.1	13.7
Chularat Hospital	CHG TB	BUY	3.52	4.70	34	1,084	12.8	26.6	23.4	37.9	17.7	4.6	4.8	8.5	15.6
Praram 9 Hospital	PR9 TB	BUY	17.10	21.00	23	376	24.9	23.8	21.9	12.0	11.8	2.9	2.7	12.2	11.5
Thonburi Healthcare Group	THG TB	REDUCE	70.25	55.00	(22)	1,667	36.9	50.3	44.3	16.9	11.8	6.0	5.9	21.6	25.6
Vibhavadi Medical Center	VIBHA TB	BUY	2.68	3.20	19	1,019	34.8	33.6	30.0	8.1	7.3	2.5	2.4	30.8	27.9
Ramkhamhaeng Hospital	RAM TB	BUY	55.75	62.00	11	1,873	31.9	31.3	27.3	11.8	11.3	3.6	3.4	29.3	25.5
Principal Capital	PRINC TB	BUY	6.05	9.00	49	645	41.6	35.0	26.2	5.5	6.2	2.2	2.1	18.8	17.2
Rajthanee Hospital	RJH TB	n/a	30.00	n/a	n/a	256	8.1	21.9	20.9	50.6	18.7	6.1	3.9	6.4	14.8
Ekachai Medical Care	EKH TB	n/a	8.35	n/a	n/a	157	23.2	23.6	24.2	17.6	13.9	5.9	3.2	13.6	13.2
Thailand average						26,523	28.1	31.2	27.6	20.3	13.9	4.7	4.1	18.0	18.8
Regional															
Ramsay Health Care	RHC AU	n/a	65.14	n/a	n/a	10,085	47.0	35.7	24.9	8.3	11.5	3.6	3.6	13.6	12.3
Ihh Healthcare Bhd	IHH SP	n/a	1.80	n/a	n/a	11,485	32.9	28.2	25.6	6.7	7.0	2.0	2.0	14.4	13.5
Ryman Healthcare	RYM NZ	n/a	6.85	n/a	n/a	2,144	15.0	12.0	11.3	7.4	8.0	1.0	1.0	17.5	14.0
Apollo Hospitals Enterprise	APHS IN	n/a	4,815	n/a	n/a	8,438	74.5	70.3	49.5	18.6	16.3	12.2	12.2	31.5	31.6
Kpj Healthcare Berhad	KPJ MK	n/a	0.94	n/a	n/a	928	34.1	25.1	22.2	5.7	7.3	1.9	1.9	12.7	11.5
Raffles Medical Group	RFMD SP	n/a	1.33	n/a	n/a	1,797	22.9	25.1	23.3	11.0	9.6	2.5	2.5	12.2	13.2
Mitra Keluarga Karyasehat	MIKA IJ	n/a	2,730	n/a	n/a	2,436	36.3	32.4	28.4	19.0	19.5	6.6	6.6	23.4	20.7
Aier Eye Hospital Group	300015 CH	n/a	26.35	n/a	n/a	26,328	63.3	48.5	38.0	20.7	22.5	12.3	12.3	36.0	28.6
Regional average						63,640	40.8	34.7	27.9	12.2	12.7	5.3	5.3	20.1	18.2
Overall average						90,163	33.4	32.6	27.7	16.9	13.4	5.0	4.6	18.9	18.6

Sources: Bloomberg; FSSIA estimates

Financial Statements

Chularat Hospital

Profit and Loss (THB m) Year Ending Dec	2020	2021	2022E	2023E	2024E
Revenue	5,433	11,742	10,483	7,186	7,642
Cost of goods sold	(3,331)	(5,531)	(5,692)	(4,449)	(4,616)
Gross profit	2,102	6,211	4,791	2,737	3,025
Other operating income	29	257	300	300	300
Operating costs	(673)	(821)	(891)	(722)	(730)
Operating EBITDA	1,457	5,647	4,200	2,315	2,596
Depreciation	(354)	(351)	(405)	(432)	(456)
Goodwill amortisation	-	-	-	-	-
Operating EBIT	1,104	5,296	3,795	1,883	2,140
Net financing costs	(33)	(19)	2	9	8
Associates	0	0	0	0	0
Recurring non-operating income	0	0	0	0	0
Non-recurring items	0	0	0	0	0
Profit before tax	1,071	5,276	3,797	1,892	2,148
Tax	(219)	(1,009)	(726)	(378)	(430)
Profit after tax	852	4,267	3,071	1,514	1,718
Minority interests	24	(63)	(51)	(57)	(60)
Preferred dividends	-	-	-	-	-
Other items	-	-	-	-	-
Reported net profit	877	4,204	3,021	1,456	1,658
Non-recurring items & goodwill (net)	0	0	0	0	0
Recurring net profit	877	4,204	3,021	1,456	1,658
Per share (THB)					
Recurring EPS *	0.08	0.38	0.27	0.13	0.15
Reported EPS	0.08	0.38	0.27	0.13	0.15
DPS	0.05	0.20	0.16	0.08	0.09
Diluted shares (used to calculate per share data)	11,000	11,000	11,000	11,000	11,000
Growth					
Revenue (%)	5.2	116.1	(10.7)	(31.5)	6.3
Operating EBITDA (%)	18.2	287.4	(25.6)	(44.9)	12.1
Operating EBIT (%)	22.3	379.7	(28.3)	(50.4)	13.6
Recurring EPS (%)	21.9	379.6	(28.2)	(51.8)	13.9
Reported EPS (%)	24.3	379.6	(28.2)	(51.8)	13.9
Operating performance					
Gross margin inc. depreciation (%)	32.2	49.9	41.8	32.1	33.6
Gross margin of key business (%)	32.2	49.9	41.8	32.1	33.6
Operating EBITDA margin (%)	26.8	48.1	40.1	32.2	34.0
Operating EBIT margin (%)	20.3	45.1	36.2	26.2	28.0
Net margin (%)	16.1	35.8	28.8	20.3	21.7
Effective tax rate (%)	20.4	19.1	19.1	20.0	20.0
Dividend payout on recurring profit (%)	62.7	52.3	60.0	60.0	60.0
Interest cover (X)	33.6	271.9	(1,636.7)	(214.7)	(270.0)
Inventory days	18.6	15.6	19.2	22.2	19.1
Debtor days	31.1	17.1	23.3	38.5	39.7
Creditor days	64.5	46.6	54.8	63.3	54.6
Operating ROIC (%)	18.3	83.2	55.7	27.7	31.9
ROIC (%)	17.5	80.4	53.9	26.8	30.9
ROE (%)	22.7	72.5	37.9	17.7	19.7
ROA (%)	14.1	51.1	28.7	14.5	16.5
* Pre-exceptional, pre-goodwill and fully diluted					
Revenue by Division (THB m)					
Cash patient revenue	3,208	4,222	4,141	4,584	4,937
SSO patient revenue	1,811	1,928	2,142	2,179	2,269
NHSO patient revenue	413	5,592	4,200	424	436

Sources: Chularat Hospital; FSSIA estimates

Financial Statements

Chularat Hospital

Cash Flow (THB m) Year Ending Dec	2020	2021	2022E	2023E	2024E
Recurring net profit	877	4,204	3,021	1,456	1,658
Depreciation	354	351	405	432	456
Associates & minorities	-	-	-	-	-
Other non-cash items	90	50	51	57	60
Change in working capital	70	(540)	16	81	(98)
Cash flow from operations	1,390	4,065	3,492	2,026	2,076
Capex - maintenance	(400)	(539)	(400)	(400)	(306)
Capex - new investment	-	-	-	-	-
Net acquisitions & disposals	0	0	0	0	0
Other investments (net)	-	-	-	-	-
Cash flow from investing	(400)	(539)	(400)	(400)	(306)
Dividends paid	(550)	(660)	(2,200)	(1,812)	(874)
Equity finance	0	0	0	0	0
Debt finance	(360)	(665)	(414)	0	0
Other financing cash flows	0	40	(51)	(57)	(60)
Cash flow from financing	(910)	(1,284)	(2,665)	(1,869)	(934)
Non-recurring cash flows	-	-	-	-	-
Other adjustments	0	0	0	0	0
Net other adjustments	0	0	0	0	0
Movement in cash	80	2,242	427	(243)	837
Free cash flow to firm (FCFF)	1,026.10	3,547.55	3,099.40	1,628.39	1,772.91
Free cash flow to equity (FCFE)	629.99	2,901.73	2,627.37	1,568.84	1,710.51
Per share (THB)					
FCFF per share	0.09	0.32	0.28	0.15	0.16
FCFE per share	0.06	0.26	0.24	0.14	0.16
Recurring cash flow per share	0.12	0.42	0.32	0.18	0.20
Balance Sheet (THB m) Year Ending Dec	2020	2021	2022E	2023E	2024E
Tangible fixed assets (gross)	6,625	7,129	7,529	7,929	8,235
Less: Accumulated depreciation	(2,352)	(2,661)	(3,065)	(3,497)	(3,953)
Tangible fixed assets (net)	4,273	4,468	4,464	4,432	4,282
Intangible fixed assets (net)	47	47	47	47	47
Long-term financial assets	-	-	-	-	-
Invest. in associates & subsidiaries	0	0	0	0	0
Cash & equivalents	548	2,790	3,217	2,974	3,810
A/C receivable	481	616	721	793	869
Inventories	179	295	304	237	246
Other current assets	555	2,196	1,961	1,344	1,429
Current assets	1,763	5,897	6,202	5,348	6,355
Other assets	117	137	137	137	137
Total assets	6,201	10,550	10,850	9,964	10,821
Common equity	4,024	7,569	8,389	8,034	8,818
Minorities etc.	169	272	272	272	272
Total shareholders' equity	4,193	7,841	8,662	8,306	9,090
Long term debt	609	480	0	0	0
Other long-term liabilities	124	137	137	137	137
Long-term liabilities	732	617	137	137	137
A/C payable	570	842	867	677	703
Short term debt	570	34	100	100	100
Other current liabilities	135	1,215	1,085	744	791
Current liabilities	1,275	2,092	2,052	1,521	1,594
Total liabilities and shareholders' equity	6,201	10,550	10,850	9,964	10,821
Net working capital	510	1,050	1,034	953	1,051
Invested capital	4,948	5,702	5,682	5,569	5,517
* Includes convertibles and preferred stock which is being treated as debt					
Per share (THB)					
Book value per share	0.37	0.69	0.76	0.73	0.80
Tangible book value per share	0.36	0.68	0.76	0.73	0.80
Financial strength					
Net debt/equity (%)	15.1	(29.0)	(36.0)	(34.6)	(40.8)
Net debt/total assets (%)	10.2	(21.6)	(28.7)	(28.8)	(34.3)
Current ratio (x)	1.4	2.8	3.0	3.5	4.0
CF interest cover (x)	20.2	150.0	(1,132.1)	(177.8)	(214.8)
Valuation	2020	2021	2022E	2023E	2024E
Recurring P/E (x) *	44.2	9.2	12.8	26.6	23.4
Recurring P/E @ target price (x) *	59.0	12.3	17.1	35.5	31.2
Reported P/E (x)	44.2	9.2	12.8	26.6	23.4
Dividend yield (%)	1.4	5.7	4.7	2.3	2.6
Price/book (x)	9.6	5.1	4.6	4.8	4.4
Price/tangible book (x)	9.7	5.1	4.6	4.8	4.4
EV/EBITDA (x) **	27.1	6.5	8.5	15.6	13.6
EV/EBITDA @ target price (x) **	36.0	8.8	11.6	21.2	18.6
EV/invested capital (x)	8.0	6.4	6.3	6.5	6.4
* Pre-exceptional, pre-goodwill and fully diluted ** EBITDA includes associate income and recurring non-operating income					

Sources: Chularat Hospital; FSSIA estimates

Corporate Governance report of Thai listed companies 2021

EXCELLENT LEVEL – Score range 90-100										
AAV	BCPG	CPALL	GCAP	K	MSC	PLANET	SAMART	SPI	THRE	TVD
ADVANC	BDM5	CPF	GFPT	KBANK	MST	PLAT	SAMTEL	SPRC	THREL	TVI
AF	BEM	CPI	GGC	KCE	MTC	PORT	SAT	SPVI	TIPCO	TVO
AH	BGC	CPN	GLAND	KKP	MVP	PPS	SC	SSSC	TISCO	TWPC
AIRA	BGRIM	CRC	GLOBAL	KSL	NCL	PR9	SCB	SST	TK	U
AKP	BIZ	CSS	GPI	KTB	NEP	PREB	SCC	STA	TKT	UAC
AKR	BKI	DDD	GPSC	KTC	NER	PRG	SCCC	STEC	TMT	UBIS
ALT	BOL	DELTA	GRAMMY	LALIN	NKI	PRM	SCG	STI	TNDT	UV
AMA	BPP	DEMCO	GULF	LANNA	NOBLE	PROUD	SCGP	SUN	TNITY	VGI
AMATA	BRR	DRT	GUNKUL	LH	NSI	PSH	SCM	SUSCO	TOA	VIH
AMATAV	BTS	DTAC	HANA	LHFG	NVD	PSL	SDC	SUTHA	TOP	WACOAL
ANAN	BTW	DUSIT	HARN	LIT	NWR	PTG	SEAFECO	SVI	TPBI	WAVE
AOT	BWG	EA	HMPRO	LPN	NYT	PTT	SEAOL	SYMC	TQM	WHA
AP	CENTEL	EASTW	ICC	MACO	OISHI	PTTEP	SE-ED	SYNTEC	TRC	WHAUP
ARIP	CFRESH	ECF	ICHI	MAJOR	OR	PTTGC	SELIC	TACC	TRU	WICE
ARROW	CHEWA	ECL	III	MAKRO	ORI	PYLON	SENA	TASCO	TRUE	WINNER
ASP	CHO	EE	ILINK	MALEE	OSP	Q-CON	SHR	TCAP	TSC	ZEN
AUCT	CIMBT	EGCO	ILM	MBK	OTO	QH	SIRI	TEAMG	TSR	
AWC	CK	EPG	INTUCH	MC	PAP	QTC	SIS	TFMAMA	TSTE	
AYUD	CKP	ETC	IP	MCOT	PCSGH	RATCH	SITHAI	TGH	TSTH	
BAFS	CM	FPI	IRPC	METCO	PDG	RS	SMK	THANA	TTA	
BANPU	CNT	FPT	ITEL	MFEC	PDJ	S	SMPC	THANI	TTB	
BAY	COM7	FSMART	IVL	MINT	PG	S & J	SNC	THCOM	TTCL	
BBL	COMAN	GBX	JSP	MONO	PHOL	SAAM	SONIC	THG	TTW	
BCP	COTTO	GC	JWD	MOONG	PLANB	SABINA	SPALI	THIP	TU	
VERY GOOD LEVEL – Score range 80-89										
2S	ASIMAR	CHOW	FLOYD	IT	LOXLEY	OCC	RPC	SKY	TCC	TVT
7UP	ASK	CI	FN	ITD	LRH	OGC	RT	SLP	TCMC	TWP
ABICO	ASN	CIG	FNS	J	LST	PATO	RWI	SMIT	TEAM	UEC
ABM	ATP30	CMC	FORTH	JAS	M	PB	S11	SMT	TFG	UMI
ACE	B	COLOR	FSS	JCK	MATCH	PICO	SA	SNP	TFI	UOBKH
ACG	BA	CPL	FTE	JCKH	MBAX	PIMO	SAK	SO	TIGER	UP
ADB	BAM	CPW	FVC	JMART	MEGA	PJW	SALEE	SORKON	TITLE	UPF
AEONTS	BC	CRD	GEL	JMT	META	PL	SAMCO	SPA	TKN	UPOIC
AGE	BCH	CSC	GENCO	KBS	MFC	PM	SANKO	SPC	TKS	UTP
AHC	BEC	CSP	GJS	KCAR	MGT	PMTA	SAPPE	SPCG	TM	VCOM
AIT	BEYOND	CWT	GYT	KEX	MICRO	PPP	SAWAD	SR	TMC	VL
ALL	BFIT	DCC	HEMP	KGI	MILL	PPPM	SCI	SRICHA	TMD	VPO
ALLA	BJC	DCON	HPT	KIAT	MTSIB	PRIME	SCN	SSC	TMI	VRANDA
ALUCON	BJCHI	DHOUSE	HTC	KISS	MK	PRIN	SCP	SSF	TMILL	WGE
AMANAH	BLA	DOD	HYDRO	KOOL	MODERN	PRINC	SE	STANLY	TNL	WIJK
AMARIN	BR	DOHOME	ICN	KTIS	MTI	PSG	SFLEX	STGT	TNP	WP
APCO	BROOK	DV8	IFS	KUMWEL	NBC	PSTC	SFP	STOWER	TOG	XO
APCS	CBG	EASON	IMH	KUN	NCAP	PT	SFT	STPI	TPA	XPG
APURE	CEN	EFORL	IND	KWC	NCH	QLT	SGF	SUC	TPAC	YUASA
AQUA	CGH	ERW	INET	KWM	NETBAY	RBF	SIAM	SWC	TPCS	
ASAP	CHARAN	ESSO	INSET	L&E	NEX	RCL	SINGER	SYNEX	TPS	
ASEFA	CHAYO	ESTAR	INSURE	LDC	NINE	RICHY	SKE	TAE	TRITN	
ASIA	CHG	ETE	IRC	LEO	NRF	RML	SKN	TAKUNI	TRT	
ASIAN	CHOTI	FE	IRCP	LHK	NTV	ROJNA	SKR	TBSP	TSE	
GOOD LEVEL – Score range 70-79										
A	BGT	CITY	GIFT	JTS	MDX	PK	SGP	SUPER	TQR	YGG
AI	BH	CMAN	GLOCON	JUBILE	MJD	PLE	SICT	SVOA	TTI	ZIGA
AIE	BIG	CMO	GREEN	KASET	MORE	PPM	SIMAT	TC	TYCN	
AJ	BLAND	CMR	GSC	KCM	MUD	PRAKIT	SISB	TCCC	UKEM	
ALPHAX	BM	CPT	GTB	KK	NC	PRAPAT	SK	THMUI	UMS	
AMC	BROCK	CRANE	HTECH	KKC	NDR	PRECHA	SMART	TNH	UNIQ	
APP	BSBM	CSR	HUMAN	KWI	NFC	PTL	SOLAR	TNR	UPA	
AQ	BSM	D	IHL	KYE	NNCL	RJH	SPACK	TOPP	UREKA	
ARIN	BTNC	EKH	IIG	LEE	NOVA	RP	SPG	TPCH	VIBHA	
AS	BYD	EMC	INGRS	LPH	NPK	RPH	SQ	TPIPL	W	
AU	CAZ	EP	INOX	MATI	NUSA	RSP	SSP	TIPIP	WIN	
B52	CCP	F&D	JAK	M-CHAI	PAF	SABUY	STARK	TPLAS	WORK	
BEAUTY	CGD	FMT	JR	MCS	PF	SF	STC	TPOLY	WPH	

Disclaimer:

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* CGR scoring should be considered with news regarding wrong doing of the company or director or executive of the company such unfair practice on securities trading, fraud, and corruption SEC imposed a civil sanction against insider trading of director and executive

Sources: Thai Institute of Directors Association (IOD); FSSIA's compilation; data as of 26 October 2021

Anti-corruption Progress Indicator

CERTIFIED										
2S	BCH	CPALL	GC	K	MFC	PE	QLT	SNP	THCOM	TU
7UP	BCP	CPF	GCAP	KASET	MFEC	PG	QTC	SORKON	THIP	TVD
ADVANC	BCPG	CPI	GEL	KBANK	MILL	PHOL	RATCH	SPACK	THRE	TVI
AF	BE8	CPN	GFPT	KBS	MINT	PK	RML	SPALI	THREL	TVO
AI	BEYOND	CSC	GGC	KCAR	MONO	PL	RWI	SPC	TIDLOR	TWPC
AIE	BGC	DCC	GJS	KCE	MOONG	PLANB	S & J	SPI	TIPCO	U
AIRA	BGRIM	DELTA	GPI	KGI	MSC	PLANET	SAAM	SPRC	TISCO	UBE
AKP	BJCHI	DEMCO	GPSC	KKP	MST	PLAT	SABINA	SRICHA	TKS	UBIS
ALPHAX	BKI	DIMET	GSTEEL	KSL	MTC	PM	SAPPE	SSF	TKT	UEC
AMA	BLA	DRT	GUNKUL	KTB	MTI	PPP	SAT	SSP	TMD	UKEM
AMANAHA	BPP	DTAC	HANA	KTC	NBC	PPPM	SC	SSSC	TMILL	UOBKH
AMATA	BROOK	DUSIT	HARN	KWC	NEP	PPS	SCB	SST	TMT	UPF
AMATAV	BRR	EA	HEMP	KWI	NINE	PR9	SCC	STA	TNITY	UV
AP	BSBM	EASTW	HENG	L&E	NKI	PREB	SCCC	STOWER	TNL	VGI
APCS	BTS	ECL	HMPRO	LANNA	NMG	PRG	SCG	SUSCO	TNP	VIH
AQUA	BWG	EGCO	HTC	LH	NNCL	PRINC	SCN	SVI	TNR	WACOAL
ARROW	CEN	EP	ICC	LHFG	NOBLE	PRM	SEAOL	SYMC	TOG	WHA
AS	CENTEL	EPG	ICHI	LHK	NOK	PROS	SE-ED	SYNTEC	TOP	WHAUP
ASIAN	CFRESH	ERW	IFEC	LPN	NSI	PSH	SELIC	TAE	TOPP	WICE
ASK	CGH	ESTAR	IFS	LRH	NWR	PSL	SENA	TAKUNI	TPA	WIJK
ASP	CHEWA	ETE	ILINK	M	OCC	PSTC	SGP	TASCO	TPP	XO
AWC	CHOTI	FE	INET	MAKRO	OGC	PT	SINGER	TBSP	TRU	ZEN
AYUD	CHOW	FNS	INSURE	MALEE	ORI	PTG	SIRI	TCAP	TRUE	
B	CIG	FPI	INTUCH	MATCH	PAP	PTT	SITHAI	TCMC	TSC	
BAFS	CIMBT	FPT	IRC	MBAX	PATO	PTTEP	SKR	TFG	TSTE	
BAM	CM	FSMART	IRPC	MBK	PB	PTTGC	SMIT	TFI	TSTH	
BANPU	CMC	FSS	ITEL	MC	PCSGH	PYLON	SMK	TFMAMA	TTA	
BAY	COM7	FTE	IVL	MCOT	PDG	Q-CON	SMPC	TGH	TTB	
BBL	COTTO	GBX	JKN	META	PDJ	QH	SNC	THANI	TTCL	
DECLARED										
AJ	CHG	DDD	ETC	JR	MAJOR	NUSA	RS	SSS	TQM	YUASA
ALT	CPL	DHOUSE	FLOYD	JTS	NCAP	NYT	SAK	STECH	TSI	ZIGA
APCO	CPR	DOHOME	GULF	KEX	NCL	OR	SCGP	STGT	VARO	
B52	CPW	ECF	III	KUMWEL	NOVA	PIMO	SCM	TKN	VCOM	
BEC	CRC	EKH	INOX	LDC	NRF	PLE	SIS	TMI	VIBHA	

Level	
Certified	This level indicates practical participation with thoroughly examination in relation to the recommended procedures from the audit committee or the SEC's certified auditor, being a certified member of Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) or already passed examination to ensure independence from external parties.
Declared	This level indicates determination to participate in the Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC)

Disclaimer:

The disclosure of the Anti-Corruption Progress Indicators of a listed company on the Stock Exchange of Thailand, which is assessed by Thaipat Institute, is made in order to comply with the policy and sustainable development plan for the listed companies of the Office of the Securities and Exchange Commission. Thaipat Institute made this assessment based on the information received from the listed company, as stipulated in the form for the assessment of Anti-corruption which refers to the Annual Registration Statement (Form 56-1), Annual Report (Form 56-2), or other relevant documents or reports of such listed company. The assessment result is therefore made from the perspective of Thaipat Institute that is a third party. It is not an assessment of operation and is not based on any inside information. Since this assessment is only the assessment result as of the date appearing in the assessment result, it may be changed after that date or when there is any change to the relevant information. Nevertheless, FSS International Investment Advisory Company Limited does not confirm, verify, or certify the accuracy and completeness of the assessment results.

Note: Companies participating in Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) under Thai Institute of Directors (as of 26 October 2021) are categorised into: 1) companies that have declared their intention to join CAC, and; 2) companies certified by CAC.

Sources: The Securities and Exchange Commission, Thailand; * FSSIA's compilation

GENERAL DISCLAIMER

ANALYST(S) CERTIFICATION

Teerapol Udomvej, CFA FSS International Investment Advisory Securities Co., Ltd

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Company	Ticker	Price	Rating	Valuation & Risks
Chularat Hospital	CHG TB	THB 3.52	BUY	Downside risks to our DCF-based target price include 1) a slowdown in Thai patient volume due to economic concerns; 2) regulatory risks from drug price and medical bill controls; and 3) SSO provision expenses following limited budgets from the SSO.
Bangkok Dusit Medical Services	BDMS TB	THB 29.50	BUY	Downside risks to our DCF-based target price include 1) a slowdown in international patients due to economic concerns, political protests or floods; 2) regulatory risks from drug price and medical bill controls; and 3) higher-than-expected capex and opex for CoE projects.
Bumrungrad Hospital	BH TB	THB 220.00	BUY	Downside risks to our DCF-based target price include 1) a slowdown in international patients due to economic concerns, political protests or floods; 2) regulatory risks from drug prices and medical bill controls; and 3) higher medical fee discount promotions, leading to a weaker EBITDA margin.
Bangkok Chain Hospital	BCH TB	THB 20.40	BUY	Downside risks to our DCF-based target price include 1) a slowdown in international patients due to economic concerns, political protests or floods; 2) regulatory risks from drug prices and medical bill controls; and 3) SSO provision expenses following a limited SSO budget.
Praram 9 Hospital	PR9 TB	THB 17.10	BUY	Downside risks to our DCF-based target price include 1) weak patient volumes following the economic slowdown; 2) regulatory risks from drug price and medical bill controls; and 3) higher-than-expected expenses from its new building.
Thonburi Healthcare Group	THG TB	THB 70.25	REDUCE	Upside risks to our DCF-based target price include 1) a new Covid wave from a new variant; and 2) big-lot sales of Jin Wellbeing County units.
Vibhavadi Medical Center	VIBHA TB	THB 2.68	BUY	Downside risks to our DCF-based target price include 1) a slowdown in Thai patient volume due to economic concerns; 2) regulatory risks from drug prices and medical bill controls; and 3) SSO provision expenses following limited budgets from the SSO.
Ramkhamhaeng Hospital	RAM TB	THB 55.75	BUY	Downside risks to our DCF-based target price include 1) weak patient volumes following the economic slowdown; 2) regulatory risks from drug price and medical bill controls; and 3) losses from its subsidiary companies.
Principal Capital	PRINC TB	THB 6.05	BUY	Downside risks to our DCF-based target price include 1) weak patient volumes following the economic slowdown; 2) regulatory risks from drug price and medical bill controls; and 3) losses from new hospitals.

Source: FSSIA estimates

Additional Disclosures

Target price history, stock price charts, valuation and risk details, and equity rating histories applicable to each company rated in this report is available in our most recently published reports. You can contact the analyst named on the front of this note or your representative at Finansia Syrus Securities Public Company Limited

FSSIA may incorporate the recommendations and target prices of companies currently covered by FSS Research into equity research reports, denoted by an 'FSS' before the recommendation. FSS Research is part of Finansia Syrus Securities Public Company Limited, which is the parent company of FSSIA.

All share prices are as at market close on 24-Nov-2022 unless otherwise stated.

RECOMMENDATION STRUCTURE

Stock ratings

Stock ratings are based on absolute upside or downside, which we define as $(\text{target price}^* - \text{current price}) / \text{current price}$.

BUY (B). The upside is 10% or more.

HOLD (H). The upside or downside is less than 10%.

REDUCE (R). The downside is 10% or more.

Unless otherwise specified, these recommendations are set with a 12-month horizon. Thus, it is possible that future price volatility may cause a temporary mismatch between upside/downside for a stock based on market price and the formal recommendation.

* In most cases, the target price will equal the analyst's assessment of the current fair value of the stock. However, if the analyst doesn't think the market will reassess the stock over the specified time horizon due to a lack of events or catalysts, then the target price may differ from fair value. In most cases, therefore, our recommendation is an assessment of the mismatch between current market price and our assessment of current fair value.

Industry Recommendations

Overweight. The analyst expects the fundamental conditions of the sector to be positive over the next 12 months.

Neutral. The analyst expects the fundamental conditions of the sector to be maintained over the next 12 months.

Underweight. The analyst expects the fundamental conditions of the sector to be negative over the next 12 months.

Country (Strategy) Recommendations

Overweight (O). Over the next 12 months, the analyst expects the market to score positively on two or more of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.

Neutral (N). Over the next 12 months, the analyst expects the market to score positively on one of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.

Underweight (U). Over the next 12 months, the analyst does not expect the market to score positively on any of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.